

# Manhole Inspection Summary

Manhole # S1900\_021MH

Printed On: 1/15/2009

Page 1 of 6

**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **1900** Node: **021** Status: **Found**

Insp Date: **12/16/08 12:20 PM**

Incomplete Comments

Crew: **ADS4**  
Inspector: **ADS4**  
Firm: **ADS**

**Location** Address: **2325 REISTERSTOWN RD**

Cross Street: **OREM AVE**

**Manhole** Type: **Junction**

Location: **Sidewalk**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Light Rain**

Subject To Ponding: **None**

Comments

**Cover**

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame**

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment**

☐ Exists

Material:

☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel**

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ **Deteriorated**

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Barrel**

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **46** (in.) Length: (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Bench**

☒ Exists Material: **Brick**

☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel**

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **1.5** nearest .5 ft. Azimuth: **205**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps**

Count: **8** Missing: **0** ☒ **Corroded**

**Surcharge**

☐ Evidence Of Surcharge

Depth:

(ft.) ☒ **Active Surcharge Present**

Location View



Location View



Top View



Top View



view in drop connection



pipe in and drop @ 4 O'Clock



this picture better shows condition of inside drop

Defect 2



DETERIORATION OF CORBEL

Defect 1



CORRODED STEPS AND SURCHARGE EVIDENCE

Defect 3



BRICKS MISSING BELOW FRAME

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Page 4 of 6

12 in. Circular Gravity Sewer

12 O'Clock Outflow

Pipe Out @ 12 O'Clock

Pipe Out @ 12 O'Clock



Pipe Height: **13.2** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **13.12** (ft.) Flow Characteristics: **Slow**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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Printed On: 1/15/2009

Page 5 of 6

10 in. Circular Gravity Sewer

4 O'Clock Inflow

Pipe In @ 4 O'Clock

Pipe In @ 4 O'Clock



Drop In @ 4 O'Clock



believe connection is capped

Pipe Height: **9.6** (in.) Rod and Bar (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **10.72** (ft.) Flow Characteristics: **None**

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: **4** (in.) Deposits Extent: **Medium**

Infiltration: **None**

Pipe Seal Cond: **Sound**

Drop: <b>Inside</b>	Rod and Bar
Angled: <b>Yes</b>	Reading: <b>11.30</b> (ft.)
	Inv Depth: <b>12.30</b> (ft.)
Drop Condition: <b>Partly Clogged</b>	

Connects To: **House connection / Service line**

☐ Possible Illicit Connection



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Printed On: 1/15/2009

Page 6 of 6

10 in. Circular Gravity Sewer

7 O'Clock Inflow

Pipe In @ 7 O'Clock

Pipe In @ 7 O'Clock



Pipe Height: 12 (in.) Rod and Bar (Angled)

Pipe Material: Clay ☐ Pipe Lined

Invert Depth: 12.91 (ft.) Flow Characteristics: Slow

Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Sound

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection